WHAT IS CLAIMED IS:

1. A liquid crystal display device, comprising:

a pair of insulating substrates bonded via a sealing material, and

liquid crystal filled between a pair of said insulating substrates,

wherein a cell gap is formed so as to gradually increase from a center to an end of a display area at room temperature.

2. A liquid crystal display device, comprising:

a pair of insulating substrates bonded via a sealing material, and

liquid crystal filled between a pair of said insulating substrates,

wherein a cell gap is formed so as to gradually increase from a center to an end of a display area at room temperature in a range that no irregular display color appears, so that it is possible to smooth out a difference in thermal expansion amounts between said liquid crystal and said sealing material at a high temperature.

3. The liquid crystal display device as defined in claim 1, wherein in said display area, a cell gap is smaller in the center by less than $0.13\mu m$ than an average value of

cell gaps on an end at room temperature.

- 4. The liquid crystal display device as defined in claim 1, wherein in said display area, a cell gap is smaller in the center by $0.08\mu m$ or less than an average value of cell gaps on an end at room temperature.
- 5. The liquid crystal display device as defined in claim 1, wherein a cell gap is formed so as to gradually increase from the center to an end of said display area at room temperature, and a cell gap is formed so as to gradually decrease from the center to the end of said display area at a high temperature.
- 6. The liquid crystal display device as defined in claim 3, wherein a cell gap is formed so as to gradually increase from the center to an end of said display area at room temperature, and a cell gap is formed so as to gradually decrease from the center to the end of said display area at a high temperature.
- 7. The liquid crystal display device as defined in claim 4, wherein a cell gap is formed so as to gradually increase from the center to an end of said display area at room temperature, and a cell gap is formed so as to

gradually decrease from the center to the end of said display area at a high temperature.

- 8. The liquid crystal display device as defined in claim 1, wherein each of a pair of said insulating substrates is a glass substrate having a thickness of 0.55mm or less.
- 9. The liquid crystal display device as defined in claim 1, wherein each of a pair of said insulating substrates is a plastic substrate having a thickness of 0.55mm or less.
- 10. The liquid crystal display device as defined in claim 1, wherein said liquid crystal display device is an STN liquid crystal display device.
- 11. The liquid crystal display device as defined in claim 10, wherein an operating temperature ranges virtually between -20°C and 70°C.
 - 12. A liquid crystal display/device, comprising:
- a pair of insulating substrates bonded via a sealing material, and

liquid crystal filled between a pair of said insulating

Sul

Sub

AZ encl

substrates,

wherein a cell gap is smaller in a center than any other part of a display area at room temperature such that a cell gap difference is set at a predetermined amount between the center and an end of said display area at a high temperature in a range that no display defect occurs.